Sheet 1 of 6										
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PATE LIST OF F	ENT AND	O TRADEMARK OFF CES CITED BY APPLIC	FICE CANT(S)	APPLICANT Mitsuaki O	SHIMA					
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				U.S. PATENT I	DOCUMENTS					
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLA	.ss	SUBCLASS		OPRIATE
/RC/	AA	5,311,550	5-10-94	Foucl	he et al.					
/RC/	АВ	4,630,287	12-16-86	Arm	nstrong					
/RC/	AC	4,271,527	6-2-81	Arm	nstrong					
/RC/	AD	5,050,188	9-17-91	- [Dirr					
/RC/	AE	5,398,073	3-14-95	V	Wei					
/RC/	AF	5,452,015	9-19-95	Huh	yalkar					
/RC/	AG	5,565,932	10-15-96	Gitta	Gitta et al.					
/RC/	АН	5,481,412	1-2-96	Bann	ai et al.					
/RC/	Al	3,909,721	9-30-75	Bussgang et al.						
· ·		· · ·		FOREIGN PATENT	T DOCUMENTS					
		DOCUMENT NUMBER	DATE	cou	COUNTRY CLASS SUBÇLASS				TRANS YES	SLATION S NO
/RC/	AJ	0365431	4-25-90		EP					х
/RC/	AK	0485105	5-13-92		EP	·			х	
/RC/	AL	92/14343	8-20-92	v	WO				х	
/RC/	АМ	89/08366	9-8-89		wo				x	
/RC/	AN	0031193	7-1-81	E	EP				, x	
	· 1	отн	IER DOCUMENT(S)	(Including Author	or, Title, Date, Per	rtinent Pages	s, Etc.)			
/RC/	AO	Shinji Matsumot Japan Telecomn	to et al., "200 nunications Re	Mb/s 16 QAI view, Januar	M Digital Radio γ 1982, vol. 2)-Relay Sy 24, no. 1,	rstem (pages	Operating in 4 a 65-73.	ınd 5 GHz	Bands",
/RC/	AP	M. Pecot et al., Image Communi	"Compatible C ication, Octobe	oding of Tele er 2, 1990, n	vision Images, o. 3, pages 25	, Part 2. (i9-268.	Compa	tible System", 5	Signal Proc	cessing
/RC/	AQ	Mitsuaki Oshima	a, "Constellation	on-Code Divisi	ion Multiplex f	or Digital	HDTV	", IEEE, 1992, p	pages 108	6-1092.
EXAMINER		/Robert Che	evalier/		DATE CONSIDE	RED	08/2	20/2009		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 6							·				
FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE				1		SERIA NEW	ial no. W				
PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S)				APPLICANT Mitsuaki OSHIMA							
(Use several sheets if necessary) Date Submitted to PTO: December 20, 2000				FILING DATE GROUP December 20, 2000							
				U.S. PATENT I	DOCUMENTS						
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	N	AME CLASS		SUBCLASS	FILING DATE IF APPROPRIATE			
/RC/	AA	4,227,152	10-7-80	Goda	rd et al.				÷		
/RC/	AB	4,525,846	6-25-85	Brem	er et al.						
/RC/	AC	4,751,478	6-14-88	Yo	shida						
/RC/	AD	4,891,806	1-2-90	Faria	s et al.					. ,	
/RC/	AE	4,903,125	2-20-90	Pa	rker						
/RC/	AF	4,937,844	6-26-90	К	ao						
/RC/	AG	5,164,963	11-17-92	Lawrer	Lawrence et al.						
/RC/	АН	5,555,275	9-1996	Oshima							
	Al										
	,			OREIGN PATENT	DOCUMENTS						
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/RC/	AJ	0311188	4-12-89		P				х		
/RC/	AK	0329158	8-23-89	E	P				х		
/RC/	AL	64-5135	1-10-89		IP				х		
/RC/	AM	63-28145	2-5-88		IP				x		
/RC/	AN	62-133842	6-17-87	J	IP				X		
		отн	ER DOCUMENT(S)	(Including Autho	r, Title, Date, Perti	nent Page:	s, Etc.)				
/RC/	AO		Tricia Hill et al., "A Performance Study of NLA 64-State QAM", IEEE Transactions on Communications, vol. COM-31, June 1983, no. 6, pages 821-826.								
/RC/	АР	Hideki Ishio et a 20.	I., "A Proposal	of a Carrier I	Digital Transmis	ssion Sy:	stem U	sing Multi-Leve	I APSK", p	ages 1-	
. ,	ΑQ		7.00								
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Sheet 3 of 6			·								
FORM PTO 1449 (•	MENT OF COMMER	ATTY DOCKET NO. 2000_1727			SERIAL NO. NEW					
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		AME	CLASS		SUBCLASS	FILING DATE IF APPROPRIATE		
/RC/	АА	5,105,442	4-14-92	V	Vei						
/ /RC/	АВ	4,048,572	9-13-77	Doglio	tti et al.						
/RC/	AC	5,282,019	1-25-94	Basil	e et al.						
/RC/	AD	5,311,547	5-10-94	v	Vei				٤		
/RC/	AE	5,267,021	11-30-93	Ramchar	ndran et al.						
/RC/	AF	5,038,219	8-6-91	Yamashita et al.							
/RC/	AG	5,087,975	2-11-92	Citta	et al.	-					
/RC/	АН	5,086,340	2-4-92	Citta et al.							
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		DOCUMENT NUMBER	DATE	COUNTRY		CLA	ss	SUBCLASS	TRANSLATION YES NO		
/RC/	AJ	53-137657	12-1-78		JP			-1-17-1-18	×		
/RC/	AK	0282298	9-14-88	Eur	ope				х		
/RC/	AL	0392538	10-17-90	Eur	ope				х		
/RC/	АМ	0490552	6-17-92	Eur	ope				х		
/RC/	AN	0506400A2	9-30-92	Eur	оре						
-		отн	ER DOCUMENT(S)	(Including Autho	r, Title, Date, Pert	inent Page.	s, Etc.)				
/RC/	AO	Khaled Fazel et 1081-1085	al., Combined	multilevel cod	ling and multire	esolution	modul	ation, February	, 8, 1993, I	Pages	
/RC/	АР	P. Hoeher et al., IEEE Global Tele - 2.1.7									
/RC/	AQ	K. M. Uz et al., 1992, Pages 28		tiresolution so	ource coding ar	nd modul	ation fo	or digital broad	cast of HD	ΓV*,	
EXAMINER		/Robert Cheva	lier/		DATE CONSIDER	RED ()	8/20/2	 009	****		
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/RC/	AA	5,142,353	8-25-92	Kageya	ama et al.						
/RC/	AB	5,197,061	3-23-93	Halbert-La	assalle et al.				·		
/RC/	AC	5,291,289	3-1-94	Hulyal	lkar et al.						
/RC/	AD	5,166,924	11-24-92	M	loose						
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/RC/	AJ	0448492A1	9-25-91	Eur	ırope				,		
/RC/	AK	0485108A2	5-13-92	Eur	rope						
/RC/	AL	0525641A2	2-3-93	Eur	rope						
/RC/	АМ	0540231A2	5-5-93	Eur	rope	<u> </u>		·			
/RC/	AN	0531046A2	3-10-93	Eur	rope	<u> </u>					
	, ,	ОТН	ER DOCUMENT(S)	(Including Autho	or, Title, Date, Pertin	inent Pages	s, Etc.)				
/RC/	AO	K. M. Uz et al., I 69.	Multiresolution	Source and (Channel Coding	for Digit	tal Broa	adcast of HDTV	′, 1992, Pa	ages 61-	
/RC/	АР	Nambi Seshadri e Fading Channel,	et al., Multi-Le Vol. 4, No. 3,	evel Block Coo May-June 19	ded Modulations	s with Ur 5-334.	nequal	Error Protection	1 for the Ra	ayleigh	
/RC/	ΔQ	William F. Schrei 549.	iber, Spread-St	pectrum Telev	vision Broadcas	iting, SM	PTE Jo	ournal, August 1	1992, Page	es 538-	
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/RC/	AO	Martin Vetterli e Systems and Sig	t al., Multireso gnal Processing	lution Coding g, Volume 3,	J Techniques fo May 1992, Pa	or Digital ' ges 161-	Televis	ion: A Review	, Multidime	insional
/RC/	АР	Ezio Biglieri et al	., Introduction	to Trellis-Co	ded Modulation	ı with Ap	plicatio	ns, April 6, 19	92, Pages	 173-207.
/RC/	AQ.	English Language	e Abstract of E	European Pate	ent No. 93 30 î	7575				
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Sheet 6 of 6		WARANA		-								
FORM PTO 1449 (<i>modified</i>) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S)				ATTY DOCKET NO. 2000_1727 SERIAL NO. NEW						-		
				APPLICANT Mitsuaki OSHIMA								
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	N	AME	ME CLASS		SUBCLASS	1	DATE IF OPRIATE		
/RC/	AA	4,636,876	1-13-87	Sch	wartz							
/RC/	AB	4,855,692	8-8-89	Kenna	rd et al.							
/RC/	AC	4,873,701	10-10-89	Tro	etter							
/RC/	AD	4,958,360	9-18-90	s	Sari	<u> </u>						
/RC/	AE	5,115,453	5-19-92	Calderb	ank et al.							
/RC/	AF	5,168,509	12-1-92	Nakam	akamura et al.				roog Noog			
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/RC/	AJ	0122805	10-24-84	E	EP .				х			
/RC/	AK	63-180280	7-25-88		JP				abstract			
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/RC/	AO	Kazuhiko Nitado International Co	ori, Synthesis on Co	of Multichanne ommunication	el Orthogonal \ s, June 14-16	/SB Sign , 1976,	als by (Volume	Quadrature Me 1, Pages 3-2	thod, 1976 5 - 3-29.			
/RC/	АР	Thomas M. Cov	er, Broadcast	Channels, IEE	E Transactions	on Infor	mation	Theory, Janua	ary 1972, P	ages 2-14		
/RC/	ΔQ	"Optimum Weig COM-26, No. 6,				IEEE Tra	nsactio	ns on Commu	nications, V	olume		
EXAMINER		/Robert Chev	/alier/		DATE CONSIDE	RED		08/20/2009				

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